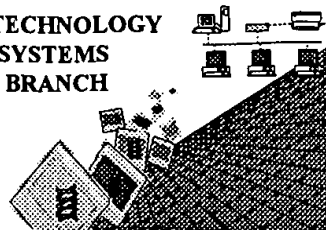


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/863,600P
Source: OIPZ
Date Processed by STIC: 11/21/2002

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



OIIPE

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

3 <110> APPLICANT: Smith-Swintosky, Virginia
 4 Renzi, Michael
 5 Plata-Salaman, Carlos
 6 Jolliffe, Linda
 7 Farrell, Francis
 8 Johnson, Dana
 10 <120> TITLE OF INVENTION: Neuroprotective Peptides
 12 <130> FILE REFERENCE: PRI-0014 (ORT-1436)
 14 <140> CURRENT APPLICATION NUMBER: 09/863,600D
 C--> 15 <141> **CURRENT FILING DATE: 2002-11-01**
 17 <150> PRIOR APPLICATION NUMBER: 60/207,654
 18 <151> PRIOR FILING DATE: 2000-05-26
 20 <160> NUMBER OF SEQ ID NOS: 49
 22 <170> SOFTWARE: PatentIn version 3.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 10
 26 <212> TYPE: PRT
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 30 <223> OTHER INFORMATION: Synthetic Peptide
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 34 <222> LOCATION: (1)..(1)
 35 <223> OTHER INFORMATION: Xaa is Cys,Glu,Ala,a-amino gamma bromobutyric
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 38 <220> FEATURE:
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 40 <222> LOCATION: (2)..(2)
 41 <223> OTHER INFORMATION: Xaa is Arg,His,Tyr,Leu,Val
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 46 <222> LOCATION: (3)..(3)
 47 <223> OTHER INFORMATION: Xaa is Met,Phe,Ile
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 51 <221> NAME/KEY: misc_feature
 52 <222> LOCATION: (6)..(6)
 53 <223> OTHER INFORMATION: Xaa is any L or D amino acid
 56 <220> FEATURE:
 57 <221> NAME/KEY: misc_feature
 58 <222> LOCATION: (9)..(9)
 59 <223> OTHER INFORMATION: Xaa is Asp,Glu,Ile,Leu,Val
 62 <220> FEATURE:
 63 <221> NAME/KEY: misc_feature
 64 <222> LOCATION: (10)..(10)

PP.3,5-6

**Does Not Comply
Corrected Diskette Needed**

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

65 <223> OTHER INFORMATION: Xaa is Cys,Lys,Ala,alfa amino gamma bromobutyric acid,homocystein

66 e

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72 1 5 10

75 <210> SEQ ID NO: 2

76 <211> LENGTH: 12

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81 <223> OTHER INFORMATION: Synthetic Peptide

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91 <222> LOCATION: (4)..(4)

92 <223> OTHER INFORMATION: Xaa is any any L or D amino acid

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97 <222> LOCATION: (5)..(5)

98 <223> OTHER INFORMATION: Xaa is any any L or D amino acid

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132 <211> LENGTH: 16

133 <212> TYPE: PRT

134 <213> ORGANISM: Artificial Sequence

136 <220> FEATURE:

137 <223> OTHER INFORMATION: Synthetic Peptide

139 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

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159 <222> LOCATION: (13)..(13)
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165 <222> LOCATION: (14)..(14)
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171 <222> LOCATION: (15)..(15)
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183 <222> LOCATION: (4)..(4)
184 <223> OTHER INFORMATION: Xaa is Cys, Glu, Ala
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189 <222> LOCATION: (5)..(5)
190 <223> OTHER INFORMATION: Xaa is Agr, His, Tyr
193 <220> FEATURE:
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195 <222> LOCATION: (6)..(6)
196 <223> OTHER INFORMATION: Xaa is Met, Phe, Ile
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201 <222> LOCATION: (12)..(12)
202 <223> OTHER INFORMATION: Xaa is Cys, Lys, Ala
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212 <211> LENGTH: 16
213 <212> TYPE: PRT

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invalid amino acid designator

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

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217 <223> OTHER INFORMATION: Synthetic Peptide
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233 <222> LOCATION: (9)..(9)
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246 <223> OTHER INFORMATION: Xaa is Arg, His, or Tyr
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257 <222> LOCATION: (12)..(12)
258 <223> OTHER INFORMATION: Xaa is Cys, Lys, or Ala
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278 <223> OTHER INFORMATION: Xaa is any L or D amino acid
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282 <221> NAME/KEY: misc_feature
283 <222> LOCATION: (3)..(3)
284 <223> OTHER INFORMATION: Xaa is L or D amino acid
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RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

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 295 <222> LOCATION: (16)..(16)
 296 <223> OTHER INFORMATION: Xaa is L or D amino acid
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 300 <221> NAME/KEY: misc_feature "Cys" is at location 4
 301 <222> LOCATION: (4)..(4)
 302 <223> OTHER INFORMATION: Xaa is Cys, Glu, Ala
 305 <220> FEATURE:
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 308 <223> OTHER INFORMATION: Xaa is Arg, His
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 314 <223> OTHER INFORMATION: Xaa is Met, Phe
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 318 <221> NAME/KEY: misc_feature
 319 <222> LOCATION: (9)..(9)
 320 <223> OTHER INFORMATION: Xaa is Ile, Leu, Thr, Met, Val
 323 <220> FEATURE:
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 326 <223> OTHER INFORMATION: Xaa is Asp, Val
 329 <220> FEATURE:
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 341 <400> SEQUENCE: 5
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 355 <220> FEATURE:
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 358 <223> OTHER INFORMATION: Xaa is any L or D amino acid
 361 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY
 PATENT APPLICATION: US/09/863,600D

DATE: 11/21/2002
 TIME: 13:50:09

Input Set : A:\PRI0014.ST25.txt
 Output Set: N:\CRF4\11212002\I863600D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,6,9,10
 Seq#:2; Xaa Pos. 2,3,4,5,8,11,12
 Seq#:3; Xaa Pos. 1,3,4,5,6,9,12,13,14,15,16
 Seq#:4; Xaa Pos. 1,3,5,6,9,12,14,15,16
 Seq#:5; Xaa Pos. 1,3,4,5,9,12,14,15,16
 Seq#:6; Xaa Pos. 1,3,5,6,9,12,14,15,16
 Seq#:37; Xaa Pos. 4
 Seq#:38; Xaa Pos. 4
 Seq#:39; Xaa Pos. 4
 Seq#:40; Xaa Pos. 4
 Seq#:41; Xaa Pos. 4
 Seq#:42; Xaa Pos. 4
 Seq#:43; Xaa Pos. 1
 Seq#:47; Xaa Pos. 1,2,3,4,5,6,7,8
 Seq#:48; Xaa Pos. 1,2,5,8
 Seq#:49; Xaa Pos. 1,2,3,4,5,8,11,12